

PATENT ABSTRACTS OF JAPAN

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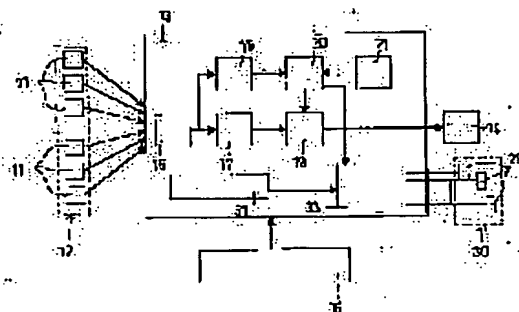
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(54) POWER TRANSMISSION SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a power transmission system for operating an apparatus, e.g. a radio capsule, held in a living body for a long time.

SOLUTION: The power transmission system comprises a plurality of antennas 29 for transmitting power toward a radio capsule 28 held in a living body in order to detect information thereof and transmitting it by radio to the outside of a body, an antenna array 12 for receiving a signal transmitted from the radio capsule 28, means 19 for locating the radio capsule 28 in the body from the receiving state of the receiving antenna array 12, and a circuit 33 for selecting a power transmission antenna 29 closest to a position located by the locating means 19, wherein power is transmitted to the radio capsule 28 from a power transmission antenna 29 selected by the selecting circuit 33.



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